

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"5750457"	US-PGPUB; USPAT	OR	OFF	2008/08/22 19:50
S2	1	"7115782"	US-PGPUB; USPAT	OR	OFF	2008/08/22 19:52
S3	1	"20040013592"	US-PGPUB; USPAT	OR	OFF	2008/08/22 19:53
S4	7	"6602481"	US-PGPUB; USPAT	OR	OFF	2008/08/22 19:54
S5	9	"6602481"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/08/22 19:55
S6	15	"1063010"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/08/22 20:20
S7	15	"6399816"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/08/22 20:29
S8	0	WO9920592	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/08/22 20:34
S9	25	"5780382"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/08/22 20:44
S10	8	"06293695"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/08/22 21:11
S11	9	"0620205"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/08/22 21:12
S12	12	"620205"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/08/22 21:13
S13	2	"1519785"	US-PGPUB; USPAT	OR	OFF	2008/08/27 09:50
S14	7	"1519785"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/08/27 09:50
S15	2	"20060091045"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/08/27 10:52
S16	15	"2739132"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/08/27 10:57
S17	7	"3474042"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/08/27 10:58
S18	14	"5902767"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/08/27 11:00

S19	63	"5113034"	US-PGPUB; USPAT	OR	OFF	2008/08/27 11:33
S20	21	"5648589"	US-PGPUB; USPAT	OR	OFF	2008/08/27 11:45
S21	29	"5510309"	US-PGPUB; USPAT	OR	OFF	2008/08/27 11:46
S22	23	"5453556"	US-PGPUB; USPAT	OR	OFF	2008/08/27 11:48
S23	17	"6124232"	US-PGPUB; USPAT	OR	OFF	2008/08/27 11:48
S24	420	502/308.ccls.	US-PGPUB; USPAT	OR	OFF	2008/08/27 12:56
S25	1762969	W or tungsten or wolfram	US-PGPUB; USPAT	OR	OFF	2008/08/27 12:57
S26	190510	zr or zirconium or zirconia	US-PGPUB; USPAT	OR	OFF	2008/08/27 12:57
S27	266746	pd or palladium or "Group VIII B" or "Group VIII" or "pt group" or "platinum group"	US-PGPUB; USPAT	OR	OFF	2008/08/27 12:58
S28	285	S24 and S25	US-PGPUB; USPAT	OR	OFF	2008/08/27 12:58
S29	243	S28 and S26	US-PGPUB; USPAT	OR	OFF	2008/08/27 12:58
S30	135	S29 and S27	US-PGPUB; USPAT	OR	OFF	2008/08/27 12:58
S31	599904	olefin or ethylene or propylene or "1-butene" or "cis-2-butene" or "trans-2-butene"	US-PGPUB; USPAT	OR	OFF	2008/08/27 12:59
S32	78	S30 and S31	US-PGPUB; USPAT	OR	OFF	2008/08/27 12:59
S33	481471	"acetic acid" or acetone or propionaldehyde or "propionic acid" or "methyl ethyl ketone" or "n- butaldehyde" or "butyric acid" or acetaldehyde	US-PGPUB; USPAT	OR	OFF	2008/08/27 13:00
S34	30	S32 and S33	US-PGPUB; USPAT	OR	OFF	2008/08/27 13:00
S35	483008	"acetic acid" or acetone or propionaldehyde or "propionic acid" or "methyl ethyl ketone" or "n- butaldehyde" or "butyric acid" or acetaldehyde or "propenoic acid" or "propanoic acid"	US-PGPUB; USPAT	OR	OFF	2008/08/27 13:09
S36	30	S32 and S35	US-PGPUB; USPAT	OR	OFF	2008/08/27 13:09
S38	2305	S37 and S25	US-PGPUB; USPAT	OR	OFF	2008/08/27 13:11
S39	167	S38 and S26	US-PGPUB; USPAT	OR	OFF	2008/08/27 13:11
S40	88	S39 and S27	US-PGPUB; USPAT	OR	OFF	2008/08/27 13:11
S41	33	S40 and S31	US-PGPUB; USPAT	OR	OFF	2008/08/27 13:12

S42	23	S41 and S35	US-PGPUB; USPAT	OR	OFF	2008/08/27 13:12
S43	2	"W\$Zr\$O\$"	US-PGPUB; USPAT	OR	OFF	2008/08/27 13:19
S44	8136	W\$Zr\$O\$	US-PGPUB; USPAT	OR	OFF	2008/08/27 13:20
S45	2305	S44 and S25	US-PGPUB; USPAT	OR	OFF	2008/08/27 13:20
S46	167	S45 and S26	US-PGPUB; USPAT	OR	OFF	2008/08/27 13:20
S47	497181	ethylene or ethene or c2h4 or "c. sup.2h.sup.4" or "c.sub.2h.sub.4"	US-PGPUB; USPAT	OR	OFF	2008/08/27 15:33
S48	362603	propylene or propene or c3h6 or "c. sup.3h.sup.6" or "c.sub.3h.sub.6"	US-PGPUB; USPAT	OR	OFF	2008/08/27 15:34
S49	0	".alpha.-butylene"	US-PGPUB; USPAT	OR	OFF	2008/08/27 15:37
S50	0	"alpha.-butylene"	US-PGPUB; USPAT	OR	OFF	2008/08/27 15:37
S51	117	"alpha-butylene"	US-PGPUB; USPAT	OR	OFF	2008/08/27 15:38
S52	25265	"alpha-butylene" or "but-1-ene" or "1-butene" or "cis-but-2-ene" or "cis-2-butene" or "cis-beta- butylene" or "trans-2-butene" or "trans-but-2-ene" or "trans-beta- butylene"	US-PGPUB; USPAT	OR	OFF	2008/08/27 15:40
S53	194775	olefin or olefins or alkene or alkenes or "unsaturated hydrocarbon" or "unsaturated hydrocarbons"	US-PGPUB; USPAT	OR	OFF	2008/08/27 15:40
S54	420	502/308.ccls.	US-PGPUB; USPAT	OR	OFF	2008/08/27 15:42
S55	1762969	W or tungsten or wolfram	US-PGPUB; USPAT	OR	OFF	2008/08/27 15:42
S56	285	S54 and S55	US-PGPUB; USPAT	OR	OFF	2008/08/27 15:42
S57	190510	zr or zirconium or zirconia	US-PGPUB; USPAT	OR	OFF	2008/08/27 15:42
S58	243	S56 and S57	US-PGPUB; USPAT	OR	OFF	2008/08/27 15:42
S59	266746	pd or palladium or "Group VIII B" or "Group VIII" or "pt group" or "platinum group"	US-PGPUB; USPAT	OR	OFF	2008/08/27 15:42
S60	135	S58 and S59	US-PGPUB; USPAT	OR	OFF	2008/08/27 15:42
S61	88	S60 and (S47 or S48 or S52 or S53)	US-PGPUB; USPAT	OR	OFF	2008/08/27 15:43
S62	276200	"acetic acid" or "ethanoic acid" or "ch.sup.3cooh" or "ch.sub.3cooh" or ch3cooh	US-PGPUB; USPAT	OR	OFF	2008/08/27 15:44
S63	23	S61 and S62	US-PGPUB; USPAT	OR	OFF	2008/08/27 15:44

S64	710	502/313.ccls.	US-PGPUB; USPAT	OR	OFF	2008/08/27 16:13
S65	470	S64 and S55	US-PGPUB; USPAT	OR	OFF	2008/08/27 16:13
S66	288	S65 and S57	US-PGPUB; USPAT	OR	OFF	2008/08/27 16:13
S67	241	S66 and S59	US-PGPUB; USPAT	OR	OFF	2008/08/27 16:13
S68	131	S67 and (S47 or S48 or S52 or S53)	US-PGPUB; USPAT	OR	OFF	2008/08/27 16:14
S69	39	S68 and S62	US-PGPUB; USPAT	OR	OFF	2008/08/27 16:14
S70	669	502/349.ccls.	US-PGPUB; USPAT	OR	OFF	2008/08/27 17:49
S71	323	S70 and S55	US-PGPUB; USPAT	OR	OFF	2008/08/27 17:50
S72	275	S71 and S57	US-PGPUB; USPAT	OR	OFF	2008/08/27 17:51
S73	173	S72 and S59	US-PGPUB; USPAT	OR	OFF	2008/08/27 17:51
S74	97	S73 and (S47 or S48 or S52 or S53)	US-PGPUB; USPAT	OR	OFF	2008/08/27 17:51
S75	25	S74 and S62	US-PGPUB; USPAT	OR	OFF	2008/08/27 17:51
S76	162157	palladium	US-PGPUB; USPAT	OR	OFF	2008/08/27 18:18
S77	1403	502/325.ccls.	US-PGPUB; USPAT	OR	OFF	2008/08/27 18:26
S78	1762969	W or tungsten or wolfram	US-PGPUB; USPAT	OR	OFF	2008/08/27 18:27
S79	701	S77 and S78	US-PGPUB; USPAT	OR	OFF	2008/08/27 18:27
S80	190510	zr or zirconium or zirconia	US-PGPUB; USPAT	OR	OFF	2008/08/27 18:27
S81	446	S79 and S80	US-PGPUB; USPAT	OR	OFF	2008/08/27 18:27
S82	266746	pd or palladium or "Group VIII B" or "Group VIII" or "pt group" or "platinum group"	US-PGPUB; USPAT	OR	OFF	2008/08/27 18:27
S83	381	S81 and S82	US-PGPUB; USPAT	OR	OFF	2008/08/27 18:27
S84	497181	ethylene or ethene or c2h4 or "c. sup.2h.sup.4" or "c.sub.2h.sub.4"	US-PGPUB; USPAT	OR	OFF	2008/08/27 18:28
S85	362603	propylene or propene or c3h6 or "c. sup.3h.sup.6" or "c.sub.3h.sub.6"	US-PGPUB; USPAT	OR	OFF	2008/08/27 18:28
S86	25265	"alpha-butylene" or "but-1-ene" or "1-butene" or "cis-but-2-ene" or "cis-2-butene" or "cis-beta-butylene" or "trans-2-butene" or "trans-but-2-ene" or "trans-beta-butylene"	US-PGPUB; USPAT	OR	OFF	2008/08/27 18:28

S87	194775	olefin or olefins or alkene or alkenes or "unsaturated hydrocarbon" or "unsaturated hydrocarbons"	US-PGPUB; USPAT	OR	OFF	2008/08/27 18:28
S88	218	S83 and (S84 or S85 or S86 or S87)	US-PGPUB; USPAT	OR	OFF	2008/08/27 18:28
S89	276200	"acetic acid" or "ethanoic acid" or "ch.sup.3cooh" or "ch.sub.3cooh" or ch3cooh	US-PGPUB; USPAT	OR	OFF	2008/08/27 18:28
S90	55	S88 and S89	US-PGPUB; USPAT	OR	OFF	2008/08/27 18:28
S91	969	502/339.ccls.	US-PGPUB; USPAT	OR	OFF	2008/08/27 18:49
S92	445	S91 and S78	US-PGPUB; USPAT	OR	OFF	2008/08/27 18:49
S93	301	S92 and S80	US-PGPUB; USPAT	OR	OFF	2008/08/27 18:49
S94	285	S93 and S82	US-PGPUB; USPAT	OR	OFF	2008/08/27 18:49
S95	156	S94 and (S84 or S85 or S86 or S87)	US-PGPUB; USPAT	OR	OFF	2008/08/27 18:49
S96	52	S95 and S89	US-PGPUB; USPAT	OR	OFF	2008/08/27 18:49
S97	531	423/22.ccls.	US-PGPUB; USPAT	OR	OFF	2008/08/27 18:53
S98	169	S97 and S78	US-PGPUB; USPAT	OR	OFF	2008/08/27 18:53
S99	2	S98 and S79	US-PGPUB; USPAT	OR	OFF	2008/08/27 18:53
S100	37	S98 and S80	US-PGPUB; USPAT	OR	OFF	2008/08/27 18:53
S101	27	S100 and S82	US-PGPUB; USPAT	OR	OFF	2008/08/27 18:53
S102	3	S101 and (S84 or S85 or S86 or S87)	US-PGPUB; USPAT	OR	OFF	2008/08/27 18:53
S103	458	423/53.ccls.	US-PGPUB; USPAT	OR	OFF	2008/08/27 18:54
S104	209	S103 and S78	US-PGPUB; USPAT	OR	OFF	2008/08/27 18:54
S105	32	S104 and S80	US-PGPUB; USPAT	OR	OFF	2008/08/27 18:54
S106	8	S105 and S82	US-PGPUB; USPAT	OR	OFF	2008/08/27 18:54
S107	327	423/54.ccls.	US-PGPUB; USPAT	OR	OFF	2008/08/27 18:55
S108	161	S107 and S78	US-PGPUB; USPAT	OR	OFF	2008/08/27 18:56
S109	24	S108 and S80	US-PGPUB; USPAT	OR	OFF	2008/08/27 18:56
S110	15	S109 and S82	US-PGPUB; USPAT	OR	OFF	2008/08/27 18:56

S111	3	S110 and (S84 or S85 or S86 or S87)	US-PGPUB; USPAT	OR	OFF	2008/08/27 18:56
S112	219	423/61.ccls.	US-PGPUB; USPAT	OR	OFF	2008/08/27 18:56
S113	85	S112 and S78	US-PGPUB; USPAT	OR	OFF	2008/08/27 18:56
S114	13	S113 and S80	US-PGPUB; USPAT	OR	OFF	2008/08/27 18:56
S115	0	S114 and S82	US-PGPUB; USPAT	OR	OFF	2008/08/27 18:56
S116	205	423/69.ccls.	US-PGPUB; USPAT	OR	OFF	2008/08/27 18:56
S117	57	S116 and S78	US-PGPUB; USPAT	OR	OFF	2008/08/27 18:56
S118	36	S117 and S80	US-PGPUB; USPAT	OR	OFF	2008/08/27 18:56
S119	10	S118 and S82	US-PGPUB; USPAT	OR	OFF	2008/08/27 18:56
S120	121	423/594.12.ccls.	US-PGPUB; USPAT	OR	OFF	2008/08/27 18:57
S121	52	S120 and S78	US-PGPUB; USPAT	OR	OFF	2008/08/27 18:57
S122	49	S121 and S80	US-PGPUB; USPAT	OR	OFF	2008/08/27 18:57
S123	10	S122 and S82	US-PGPUB; USPAT	OR	OFF	2008/08/27 18:57
S124	111	423/594.13.ccls.	US-PGPUB; USPAT	OR	OFF	2008/08/27 18:59
S125	90	S124 and S78	US-PGPUB; USPAT	OR	OFF	2008/08/27 18:59
S126	26	S125 and S80	US-PGPUB; USPAT	OR	OFF	2008/08/27 19:00
S127	9	S126 and S82	US-PGPUB; USPAT	OR	OFF	2008/08/27 19:00
S128	257	423/606.ccls.	US-PGPUB; USPAT	OR	OFF	2008/08/27 19:00
S129	128	S128 and S78	US-PGPUB; USPAT	OR	OFF	2008/08/27 19:00
S130	44	S129 and S80	US-PGPUB; USPAT	OR	OFF	2008/08/27 19:00
S131	14	S130 and S82	US-PGPUB; USPAT	OR	OFF	2008/08/27 19:00
S132	527	423/608.ccls.	US-PGPUB; USPAT	OR	OFF	2008/08/27 19:02
S133	218	S132 and S78	US-PGPUB; USPAT	OR	OFF	2008/08/27 19:03
S134	194	S133 and S80	US-PGPUB; USPAT	OR	OFF	2008/08/27 19:03
S135	36	S134 and S82	US-PGPUB; USPAT	OR	OFF	2008/08/27 19:03
S136	14	S135 and (S84 or S85 or S86 or S87)	US-PGPUB; USPAT	OR	OFF	2008/08/27 19:03

S137	152	562/544.ccls.	US-PGPUB; USPAT	OR	OFF	2008/08/27 19:04
S138	52	S137 and S78	US-PGPUB; USPAT	OR	OFF	2008/08/27 19:04
S139	22	S138 and S80	US-PGPUB; USPAT	OR	OFF	2008/08/27 19:04
S140	17	S139 and S82	US-PGPUB; USPAT	OR	OFF	2008/08/27 19:04
S141	16	S140 and (S84 or S85 or S86 or S87)	US-PGPUB; USPAT	OR	OFF	2008/08/27 19:04
S142	14	S141 and S89	US-PGPUB; USPAT	OR	OFF	2008/08/27 19:04
S143	173	562/548.ccls.	US-PGPUB; USPAT	OR	OFF	2008/08/27 19:13
S144	62	S143 and S78	US-PGPUB; USPAT	OR	OFF	2008/08/27 19:13
S145	51	S144 and S80	US-PGPUB; USPAT	OR	OFF	2008/08/27 19:13
S146	37	S145 and S82	US-PGPUB; USPAT	OR	OFF	2008/08/27 19:13
S147	37	S146 and (S84 or S85 or S86 or S87)	US-PGPUB; USPAT	OR	OFF	2008/08/27 19:13
S148	35	S147 and S89	US-PGPUB; USPAT	OR	OFF	2008/08/27 19:13
S149	39485	"562".CLAS.	US-PGPUB; USPAT	OR	OFF	2008/08/27 19:22
S150	10974	S149 and S78	US-PGPUB; USPAT	OR	OFF	2008/08/27 19:22
S151	1225	S150 and S80	US-PGPUB; USPAT	OR	OFF	2008/08/27 19:22
S152	602	S151 and S82	US-PGPUB; USPAT	OR	OFF	2008/08/27 19:22
S153	467	S152 and (S84 or S85 or S86 or S87)	US-PGPUB; USPAT	OR	OFF	2008/08/27 19:23
S154	344	S153 and S89	US-PGPUB; USPAT	OR	OFF	2008/08/27 19:23
S155	29	S154 and S86	US-PGPUB; USPAT	OR	OFF	2008/08/27 19:24
S156	0	WO9503121	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/08/27 19:30
S157	0	WO95003121	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/08/27 19:30
S158	1	"95003121"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/08/27 19:30
S159	6	"9503121"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/08/27 19:31

S160	25	"5780382"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/08/27 19:31
S161	329796	"vapor phase" or "vapor-phase" or "gas phase" or "gas-phase" or vaporous or gaseous	US-PGPUB; USPAT	OR	OFF	2008/08/28 12:56
S162	560636	oxidation or oxidizing or oxidized or oxidize or oxidizes	US-PGPUB; USPAT	OR	OFF	2008/08/28 12:56
S163	5827	S161 near S162	US-PGPUB; USPAT	OR	OFF	2008/08/28 12:56
S164	167	S163 near ethylene	US-PGPUB; USPAT	OR	OFF	2008/08/28 12:56
S165	33	S164 and "acetic acid"	US-PGPUB; USPAT	OR	OFF	2008/08/28 12:57
S166	13	S165 and (w or tungsten or tungst \$)	US-PGPUB; USPAT	OR	OFF	2008/08/28 12:57
S167	6	S166 and (zr or zirconium or zirconia or zircon\$)	US-PGPUB; USPAT	OR	OFF	2008/08/28 12:58
S168	1771	S163 and ethylene	US-PGPUB; USPAT	OR	OFF	2008/08/28 13:02
S169	536	S168 and "acetic acid"	US-PGPUB; USPAT	OR	OFF	2008/08/28 13:02
S170	373	S169 and (w or tungsten or tungst \$)	US-PGPUB; USPAT	OR	OFF	2008/08/28 13:02
S171	270	S170 and (zr or zirconium or zirconia or zircon\$)	US-PGPUB; USPAT	OR	OFF	2008/08/28 13:02
S172	2678	S163 and (ethylene or propylene or olefin or alkene)	US-PGPUB; USPAT	OR	OFF	2008/08/28 13:03
S173	985	S172 and "acetic acid"	US-PGPUB; USPAT	OR	OFF	2008/08/28 13:03
S174	648	S173 and (w or tungsten or tungst \$)	US-PGPUB; USPAT	OR	OFF	2008/08/28 13:03
S175	455	S174 and (zr or zirconium or zirconia or zircon\$)	US-PGPUB; USPAT	OR	OFF	2008/08/28 13:03
S176	292	S175 and (Pd or palladium)	US-PGPUB; USPAT	OR	OFF	2008/08/28 13:03
S177	1081	S163 same (ethylene or propylene or olefin or alkene)	US-PGPUB; USPAT	OR	OFF	2008/08/28 13:06
S178	691	S177 and (w or tungsten or tungst \$)	US-PGPUB; USPAT	OR	OFF	2008/08/28 13:06
S179	447	S178 and (zr or zirconium or zirconia or zircon\$)	US-PGPUB; USPAT	OR	OFF	2008/08/28 13:06
S180	225	S179 and (Pd or palladium)	US-PGPUB; USPAT	OR	OFF	2008/08/28 13:06
S181	225	S180 and catalyst	US-PGPUB; USPAT	OR	OFF	2008/08/28 13:07
S182	46330	(w or tungsten or tungst\$) same (zr or zirconium or zirconia or zircon \$)	US-PGPUB; USPAT	OR	OFF	2008/08/28 13:07
S183	11590	S182 same (Pd or palladium)	US-PGPUB; USPAT	OR	OFF	2008/08/28 13:07



S184	176	S183 and S177	US-PGPUB; USPAT	OR	OFF	2008/08/28 13:08
S185	1	"20060234859"	US-PGPUB; USPAT	OR	OFF	2008/08/28 13:20
S186	0	("2006/0234859").URPN.	USPAT	OR	OFF	2008/08/28 13:20
S187	15	"3365498"	USPAT	OR	OFF	2008/08/28 13:21
S188	11	("3365498"   "3465461"   "4271320"   "4507506"   "4550212"   "4806692").PN. OR ("5237103").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/28 13:55
S189	622581	ethylene or propylene or olefin or alkene or \$butene	US-PGPUB; USPAT	OR	OFF	2008/08/28 14:02
S190	3375	S162 adj S189	US-PGPUB; USPAT	OR	OFF	2008/08/28 14:02
S191	1373	S189 adj S162	US-PGPUB; USPAT	OR	OFF	2008/08/28 14:02
S192	486889	"acetic acid" or carbonyl or acetone	US-PGPUB; USPAT	OR	OFF	2008/08/28 14:04
S193	29574	acetaldehyde	US-PGPUB; USPAT	OR	OFF	2008/08/28 14:04
S194	806	(S190 or S191) same (S192 or S193)	US-PGPUB; USPAT	OR	OFF	2008/08/28 14:04
S195	447	S194 and (w or tungsten or tungst \$)	US-PGPUB; USPAT	OR	OFF	2008/08/28 14:05
S196	244	S195 and (zr or zirconium or zirconia or zircon\$)	US-PGPUB; USPAT	OR	OFF	2008/08/28 14:05
S197	172	S196 and (Pd or palladium)	US-PGPUB; USPAT	OR	OFF	2008/08/28 14:05
S198	64	S194 and S183	US-PGPUB; USPAT	OR	OFF	2008/08/28 14:07
S199	0	("2007/0191224").URPN.	USPAT	OR	OFF	2008/08/28 14:13
S200	785	502/339.ccls.	USPAT	OR	OFF	2008/08/28 14:14
S201	353	S200 and (w or tungsten or tungst \$)	US-PGPUB; USPAT	OR	OFF	2008/08/28 14:14
S202	237	S201 and (zr or zirconium or zirconia or zircon\$)	US-PGPUB; USPAT	OR	OFF	2008/08/28 14:14
S203	218	S202 and (Pd or palladium)	US-PGPUB; USPAT	OR	OFF	2008/08/28 14:14
S204	92	S203 and S189	US-PGPUB; USPAT	OR	OFF	2008/08/28 14:15
S205	39	S204 and (S192 or S193)	US-PGPUB; USPAT	OR	OFF	2008/08/28 14:15
S206	17	("4935549"   "5162578"   "5330955").PN. OR ("5405996"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/28 14:37

S207	14	(US-20040013592-\$ or US-20060091045-\$ or US-20020128152-\$ or US-20060052240-\$).did. or (US-6602481-\$ or US-6399816-\$ or US-5780382-\$ or US-5902767-\$ or US-5113034-\$ or US-3365498-\$).did. or (EP-1063010-\$ or EP-620205-\$).did. or (WO-9946040-\$ or WO-2004004893-\$).did.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2008/08/28 15:22
S208	4	S207 and (ethylene or propylene)	US-PGPUB; USPAT	OR	OFF	2008/08/28 15:22
S209	6	S207 and (ethylene or propylene or olefin or alkene or \$butene)	US-PGPUB; USPAT	OR	OFF	2008/08/28 15:23
S210	622581	ethylene or propylene or olefin or alkene or \$butene	US-PGPUB; USPAT	OR	OFF	2008/08/28 15:28
S211	3996	S210 near S162	US-PGPUB; USPAT	OR	OFF	2008/08/28 15:28
S212	3996	S162 near S210	US-PGPUB; USPAT	OR	OFF	2008/08/28 15:28
S213	2475	S212 and (S192 or S193)	US-PGPUB; USPAT	OR	OFF	2008/08/28 15:29
S214	1765118	93and (w or tungsten or tungst\$)	US-PGPUB; USPAT	OR	OFF	2008/08/28 15:29
S215	1457	S213 and (w or tungsten or tungst \$)	US-PGPUB; USPAT	OR	OFF	2008/08/28 15:29
S216	631	S215 and (zr or zirconium or zirconia or zircon\$)	US-PGPUB; USPAT	OR	OFF	2008/08/28 15:29
S217	347	S216 and (Pd or palladium)	US-PGPUB; USPAT	OR	OFF	2008/08/28 15:29
S218	1129	w adj zr	US-PGPUB; USPAT	OR	OFF	2008/08/28 15:30
S219	724	zr adj w	US-PGPUB; USPAT	OR	OFF	2008/08/28 15:30
S220	7	(S218 or S219) adj pd	US-PGPUB; USPAT	OR	OFF	2008/08/28 15:30
S221	1	pd adj (S218 or S219)	US-PGPUB; USPAT	OR	OFF	2008/08/28 15:30
S222	0	PdWZr	US-PGPUB; USPAT	OR	OFF	2008/08/28 15:32
S223	224460	\$tungst\$	US-PGPUB; USPAT	OR	OFF	2008/08/28 15:32
S224	23899	S223 same zirconium	US-PGPUB; USPAT	OR	OFF	2008/08/28 15:33
S225	9027	S224 and (ethylene or propylene or olefin or alkene)	US-PGPUB; USPAT	OR	OFF	2008/08/28 15:33
S226	4246	S225 and (Pd or palladium)	US-PGPUB; USPAT	OR	OFF	2008/08/28 15:33
S227	547472	"acetic acid" or carbonyl or acetone or ketone	US-PGPUB; USPAT	OR	OFF	2008/08/28 15:34
S228	2775	S226 and (S227 or acetaldehyde)	US-PGPUB; USPAT	OR	OFF	2008/08/28 15:34

S229	2018	S228 and S162	US-PGPUB; USPAT	OR	OFF	2008/08/28 15:34
S230	1065	S229 and S161	US-PGPUB; USPAT	OR	OFF	2008/08/28 15:34
S231	468	S230 and olefin	US-PGPUB; USPAT	OR	OFF	2008/08/28 15:35
S232	305	S231 and acetic	US-PGPUB; USPAT	OR	OFF	2008/08/28 15:35
S233	189	S232 and propylene	US-PGPUB; USPAT	OR	OFF	2008/08/28 15:35
S234	161	S233 and ethylene	US-PGPUB; USPAT	OR	OFF	2008/08/28 15:35
S235	149	S234 and oxygen	US-PGPUB; USPAT	OR	OFF	2008/08/28 15:35
S236	4	"3459796"	US-PGPUB; USPAT	OR	OFF	2009/01/15 16:56
S237	14	"3970697"	US-PGPUB; USPAT	OR	OFF	2009/01/15 17:01
S238	16	"5405996"	US-PGPUB; USPAT	OR	OFF	2009/01/15 17:02
S239	4	"6274765"	US-PGPUB; USPAT	OR	OFF	2009/01/15 17:02
S240	430	502/308.ccls.	US-PGPUB; USPAT	OR	OFF	2009/01/15 17:09
S241	285605	acetone or propanone or "dimethyl ketone" or "dimethylformaldehyde"	US-PGPUB; USPAT	OR	OFF	2009/01/15 17:13
S242	13986	propionaldehyde or propanal or "propionic aldehyde" or propaldehyde	US-PGPUB; USPAT	OR	OFF	2009/01/15 17:15
S243	79925	"propionic acid" or "propanoic acid"	US-PGPUB; USPAT	OR	OFF	2009/01/15 17:19
S244	284531	"acetic acid" or "ethanoic acid"	US-PGPUB; USPAT	OR	OFF	2009/01/15 17:19
S245	430	502/308.ccls.	US-PGPUB; USPAT	OR	OFF	2009/01/19 13:05
S246	285605	acetone or propanone or "dimethyl ketone" or "dimethylformaldehyde"	US-PGPUB; USPAT	OR	OFF	2009/01/19 13:05
S247	44	S245 and S246	US-PGPUB; USPAT	OR	OFF	2009/01/19 13:05
S248	13986	propionaldehyde or propanal or "propionic aldehyde" or propaldehyde	US-PGPUB; USPAT	OR	OFF	2009/01/19 13:05
S249	79925	"propionic acid" or "propanoic acid"	US-PGPUB; USPAT	OR	OFF	2009/01/19 13:05
S250	284531	"acetic acid" or "ethanoic acid"	US-PGPUB; USPAT	OR	OFF	2009/01/19 13:05
S251	123	S245 and (S246 or S248 or S249 or S250)	US-PGPUB; USPAT	OR	OFF	2009/01/19 13:05
S252	599428	propene or propylene or hydrocarbon	US-PGPUB; USPAT	OR	OFF	2009/01/19 13:07
S253	83	S251 and S252	US-PGPUB; USPAT	OR	OFF	2009/01/19 13:07

S254	768711	propene or propylene or hydrocarbon or ethylene or ethene	US-PGPUB; USPAT	OR	OFF	2009/01/19 13:39
S255	92	S251 and S254	US-PGPUB; USPAT	OR	OFF	2009/01/19 13:39
S256	733	502/313.ccls.	US-PGPUB; USPAT	OR	OFF	2009/01/19 14:56
S257	173	S256 and (S246 or S248 or S249 or S250)	US-PGPUB; USPAT	OR	OFF	2009/01/19 14:56
S258	145	S257 and S254	US-PGPUB; USPAT	OR	OFF	2009/01/19 14:57
S259	466270	Pd or palladium or VIII or VIIB or noble	US-PGPUB; USPAT	OR	OFF	2009/01/19 14:57
S260	120	S258 and S259	US-PGPUB; USPAT	OR	OFF	2009/01/19 14:57
S261	1812963	w or tungsten	US-PGPUB; USPAT	OR	OFF	2009/01/19 14:57
S262	108	S260 and S261	US-PGPUB; USPAT	OR	OFF	2009/01/19 14:57
S263	161901	zr or zirconium	US-PGPUB; USPAT	OR	OFF	2009/01/19 14:57
S264	46	S262 and S263	US-PGPUB; USPAT	OR	OFF	2009/01/19 14:57
S265	1438	502/325.ccls.	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:24
S266	378	S265 and (S246 or S248 or S249 or S250)	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:24
S267	284	S266 and S254	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:24
S268	240	S267 and S259	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:25
S269	153	S268 and S261	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:25
S270	93	S269 and S263	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:25
S271	1006	502/339.ccls.	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:28
S272	283	S271 and (S246 or S248 or S249 or S250)	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:28
S273	209	S272 and S254	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:29
S274	206	S273 and S259	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:29
S275	115	S274 and S261	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:29
S276	72	S275 and S263	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:29
S277	0	("2007/0191224").URPN.	USPAT	OR	OFF	2009/01/19 15:30
S278	709	502/349.ccls.	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:31
S279	183	S278 and (S246 or S248 or S249 or S250)	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:31

S280	132	S279 and S254	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:31
S281	90	S280 and S259	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:31
S282	58	S281 and S261	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:31
S283	48	S282 and S263	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:31
S284	535	423/22.ccls.	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:35
S285	108	S284 and (S246 or S248 or S249 or S250)	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:35
S286	60	S285 and S254	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:35
S287	50	S286 and S259	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:35
S288	18	S287 and S261	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:35
S289	5	S288 and S263	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:35
S290	460	423/53.ccls.	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:35
S291	37	S290 and (S246 or S248 or S249 or S250)	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:35
S292	20	S291 and S254	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:36
S293	5	S292 and S259	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:36
S294	3	S293 and S261	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:36
S295	328	423/54.ccls.	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:36
S296	35	S295 and (S246 or S248 or S249 or S250)	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:36
S297	22	S296 and S254	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:36
S298	13	S297 and S259	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:36
S299	131	423/594.12.ccls.	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:36
S300	25	S299 and (S246 or S248 or S249 or S250)	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:36
S301	12	S300 and S254	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:36
S302	3	S301 and S259	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:37
S303	113	423/594.13.ccls.	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:37
S304	17	S303 and (S246 or S248 or S249 or S250)	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:37
S305	7	S304 and S254	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:37

S306	3	S305 and S259	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:37
S307	266	423/606.ccls.	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:37
S308	29	S307 and (S246 or S248 or S249 or S250)	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:37
S309	19	S308 and S254	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:37
S310	4	S309 and S259	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:37
S311	545	423/608.ccls.	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:38
S312	133	S311 and (S246 or S248 or S249 or S250)	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:38
S313	69	S312 and S254	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:38
S314	15	S313 and S259	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:38
S315	153	562/544.ccls.	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:39
S316	57	S315 and (S246 or S248 or S249 or S250)	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:39
S317	47	S316 and S254	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:39
S318	27	S317 and S259	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:39
S319	22	S318 and S261	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:39
S320	173	562/548.ccls.	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:46
S321	96	S320 and (S246 or S248 or S249 or S250)	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:46
S322	78	S321 and S254	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:46
S323	51	S322 and S259	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:46
S324	41	S323 and S261	US-PGPUB; USPAT	OR	OFF	2009/01/19 15:46

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